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Description

This invention relates to labels and more particularly to labels to be stuck on to cans, bottles, boxes, packets or other articles, and provides a means of attaching instructions or other information detachably to the article.

According to the invention there is provided a label comprising a first portion in the form of a strip folded to provide a front sheet, a back sheet connected to the front sheet along a first fold line, and one or more additional sheets connected to the back sheet and each other along further fold lines and arranged to underlie the front sheet, characterised in that a second portion is provided which is formed separately from the first portion and which has on its rear face an adhesive covered by a protective release sheet, in that said back sheet of the first portion is secured by a first band of adhesive to the front face of the second portion, in that said front sheet has its edge remote from its fold line connection to the said back sheet secured to the second portion by a second band of adhesive so as to enclose the back sheet and said additional sheet or sheets, in that a first transverse line is indicated on the front sheet along which the edge part of the front sheet remote from said first fold line can be torn away from the second portion and in that a further transverse line is indicated along which the back and additional sheets not adherent to the second portion may be torn away.

U.S. Specification No. 1864526 discloses an essentially one-part label of which the back sheet is secured directly to a container and has one edge 3 bent over and intended to be stiffened by glue applied to the label. An edge of the front sheet is tucked behind the portion 3, and in this way the front sheet and additional sheets are held in place against the back sheet.

British Specification No. 1510638 discloses a one-piece label comprising a first or back sheet 102 having projecting portions 119, 120 and a front sheet which is joined to the back sheet along a fold line 104 which is of larger area so as to leave some parts which are not masked by the back sheet, as shown in Figure 1. Adhesive is then applied to the back sheet and to the exposed areas 114, 115, 116, 117, 118 of the front sheet, and the label is attached to a container. Suitably weakened lines 111, 112 on the front sheet enable the panel formed between the two lines to be detached as shown in Figure 4.

One embodiment of the invention will now be described by way of example with reference to the accompanying diagrammatic drawings in which:

Figure 1 shows the two portions of the label separately,

Figure 2 shows the front view of the assembled label, and

Figure 3 is a plan view of the label shown in Figure 2.

Referring to the drawings, the label comprises a first portion 13, in the form of a strip of paper,

adhesively secured to a second portion 10 in the form of a sheet of paper with an adhesive 11 on its rear face covered by protective silicone paper 12. The first portion 13 has on its underface as viewed in Figure 1 a first band of adhesive 14 extending along one end edge of the strip, and a weakened transverse tear line 15 is formed close to one side of the band. A second transverse band 16 of adhesive spaced away from the first band but parallel thereto is provided on the upper face of the portion 13 and is flanked on opposite sides by a fold line 17 and a second weakened tear line 18, the latter being at the side of band 16 remote from band 14. The remaining right hand end portion 15 of the strip has parallel transverse fold lines 20. Either or both of the tear lines may additionally be indicated by a broken printed line.

To prepare the portion 13 for attachment to portion 10, the right hand portion of the strip is doubled under about fold line 17, and the right hand end portion 19 is folded in concertina fashion along fold lines 20 as shown in Figure 3 to form the back part of the strip, underlying the front sheet 21. The spacing of fold lines 20 is such that no part of portion 19 now underlies the adhesive band 14. Both bands of adhesive are now on the underside of the strip and are used to secure the strip to the front face of portion 10.

Printed instructions or other information about the article is provided on the back and additional sheet 19 of the strip whilst printed identification of the article or its contents are printed on the front sheet 21 and sheet 10 and instructions to tear the label along the tear lines to gain access to the information are printed on the front face of the label between the fold line 17 and the tear line 15. The instructions are detached by tearing the label along the tear lines 15 and 18 in that order. Identification of the article or its contents is then provided by the sheet 10. Printed lines may be used, to indicate where the label should be torn, instead of the weakened lines formed by intermittent slitting, but the weakened lines are greatly preferred.

When the protective silicone paper sheet has been removed the label is ready for application. When the printed instructions or information have been removed, the front part 21 can be torn away exposing the printed matter on the forward face of the portion 10 so that the article or its contents are still identified.

If desired a portion, e.g. a corner portion 22 of the front sheet 21 may be cut away to enable pneumatic machinery to be employed to transfer a succession of folded portions 13, with their bands 14, 16 suitably applied or wetted, on to respective sheets 10 positioned side by side on a continuous protective paper strip 12. In this case the portion 19, instead of being folded in concertina fashion, is folded so that its third and subsequent sheets (counting from the tear line 18) lie between its first and second sheets, and all of these sheets are preferably folded in the same direction, i.e. in the manner of a flattened spiral. The resulting band of labels can conveniently be used in automatic label-applying mechanisms.

Claim

A label comprising a first portion (13) in the form of a strip folded to provide a front sheet (21), a back sheet (19) connected to the front sheet (21) along a first fold line (17), and one or more additional sheets connected to the back sheet and each other along further fold lines (20) and arranged to underlie the front sheet (21), characterised in that a second portion (10) is provided which is formed separately from the first portion (13) and which has on its rear face an adhesive (11) covered by a protective release sheet (12), in that said back sheet (19) of the first portion (13) is secured by a first band of adhesive (16) to the front face of the second portion (10), in that said front sheet (21) has its edge remote from its fold line connection (17) to the said back sheet (19) secured to the second portion (10) by a second band of adhesive (14) so as to enclose the back sheet and said additional sheet or sheets, in that a first transverse line (15) is indicated on the front sheet (21) along which the edge part of the front sheet (21) remote from said first fold line (17) can be torn away from the second portion (10) and in that a further transverse line (18) is indicated along which the back and additional sheets not adherent to the second portion (10) may be torn away.

Patentanspruch

Etikett, welches einen ersten Teil (13) in der Form eines Streifens enthält, welcher zur Bildung eines Frontblattes (21) gefaltet ist, ein rückseitiges Blatt (19) verbunden mit dem Frontblatt (21) längs einer ersten Faltlinie (17) und ein oder mehrere zusätzliche Blätter, welche mit dem rückseitigen Blatt und jedem weiteren längs weiterer Faltlinien (20) verbunden und so angeordnet sind, daß sie unterhalb des Frontblattes (21) liegen, dadurch gekennzeichnet, daß ein zweiter Teil (10) vorgesehen ist, welcher getrennt vom ersten Teil (13) geformt ist und welcher auf seiner Rückseite eine Haftbeschichtung (11) aufweist, die mit einem Freigabeschutzblatt (12) abgedeckt ist,

daß das genannte rückseitige Blatt (19) des ersten Teils (13) mit dem Frontblatt des zweiten Teils (10) durch einen ersten Klebestreifen (16) verbunden ist,

daß das genannte Frontblatt (21) mit seiner von

seiner Faltlinienverbindung (17) mit dem genannten rückseitigen Blatt (19) entfernten Kante mit dem zweiten Teil (10) durch einen zweiten Klebestreifen (14) derart verbunden ist, daß es das rückseitige Blatt und das genannte zusätzliche Blatt oder Blätter einschließt,

daß eine erste Querlinie (15) auf dem Frontblatt (21) vorgesehen ist, längs derer entfernt von der genannten ersten Faltlinie (17) liegende Kanten- teil des Frontblattes (21) vom zweiten Teil (10) abgezogen werden kann und

daß eine weitere Querlinie (18) vorgesehen ist, längs derer das rückseitige und zusätzliche Blätter welche nicht mit dem zweiten Teilstück (10) zusammenhängen, abgezogen werden können.

Revendication

Etiquette qui comprend une première partie (13) ayant la forme d'un ruban plié de façon à obtenir une feuille frontale (21), une feuille de dos (19), reliée à la feuille frontale (21), le long d'une première ligne de pliage (17), et une ou plusieurs feuilles additionnelles reliées à la feuille de dos et les unes aux autres le long d'autres lignes de pliage (20) et disposées de façon à être sous-jacentes à la feuille frontale (21), caractérisée en ce qu'on prévoit une seconde partie (10) qui est formée séparément de la première partie (13) et dont la face postérieure reçoit un adhésif (11) recouvert par une feuille protectrice détachable (12), en ce que ladite feuille de dos (19) de la première partie (13) est fixée par une première bande d'adhésif (16) à la face frontale de la seconde partie (10), en ce que les bords de la feuille frontale (21) éloignés de la ligne de pliage (17) assurant la liaison avec la feuille de dos (19) sont fixés à la seconde partie (10) par une deuxième bande d'adhésif (14), afin d'entourer la feuille de dos et la ou les dites feuilles additionnelles, en ce qu'une première ligne transversale (15) est marquée sur la feuille frontale (21), le bord de la feuille frontale (21), éloigné de ladite première ligne de pliage (17), pouvant être éloigné de la seconde partie (10) par pliage le long de ladite première ligne transversale, et en ce qu'une autre ligne transversale (18) est marquée, le long de laquelle on peut rabattre les feuilles postérieure et additionnelles qui n'adhèrent pas à la seconde partie (10).

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